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BOROUGH OF BLANDFORD FORUM

ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH

FOR THE YEAR.....1958

(INCLUDING THE REPORT OF THE PUBLIC HEALTH INSPECTOR)

BOROUGH OF BLANDFORD FORUM

MEMBERS OF THE COUNCIL:-

Her Worship the Mayor:-

Councillor Miss A.A.Williams J.P.

The Deputy Mayor:-

Councillor G.R.J. Haskett.

The Mayoress:-

Councillor Mrs. G.F. King.

ALDERMEN:-

Alderman D.S. Cuff.

Alderman B.C. Hunt

Alderman D. Gent.

Alderman J.L. Carter.

COUNCILLORS:-

Councillor R. Brooks.

Councilor M.B. Portman

Councillor T.W. Fowler.

Councillor E.G. Riggs.

Councillor G. Gibbs.

Councillor J. Trickett.

Councillor W. L. Penny.

Councillor F. Wyatt.

STAFF OF THE PUBLIC HEALTH DEPARTMENT

MEDICAL OFFICER OF HEALTH:-

G.B. Hopkins. M.B., Ch.B., B.Pharm., D.P.H.
also holds appointments of:-

Assistant County Medical Officer of Health.
School Medical Officer.
Medical Officer of Health - Blandford Rural District.
Medical Officer of Health - Wimborne Minster Urban.
Medical Officer of Health - Wimborne and Cranborne Rural.

SURVEYOR AND PUBLIC HEALTH INSPECTOR:-

W.E. Ramm. M.R. San. I. M.S.I.A. R.P.

VETERINARY SURGEON:-

Major F. Beckett. F.R.C.V.S., and his staff (acting as
meat inspectors)

Public Health Department,
The Plocks,
Blandford Forum.

MR. Mayor, Aldermen, Ladies and Gentlemen,

I present my report for the year 1958. The vital statistics reveal no abnormal features, the death rate being very close to the figure expected for a rural area.

G. B. Hopkins.

SEPTEMBER, 1959

MEDICAL OFFICER OF HEALTH

SUMMARY OF VITAL STATISTICS.

1958

Area (in acres)..... 253
Population as estimated by Registrar General (mid 1958).....3,250
Total number of inhabited houses at 31/12/58.....1,158
Rateable value, at 1st April, 1958..... £46,569
Product of Penny Rate at 1st April, 1958..... £ 180

LIVE BIRTHS..... 62.

	<u>Total.</u>	<u>Male.</u>	<u>Female.</u>	<u>Blandford.</u>	<u>England & Wales.</u>	<u>Administrative County.</u>
Legitimate.....	58	28	30	}	16.4	14.7
Illegitimate	4	1	3			

There were no stillbirths during the year.

DEATHS..... 43

	<u>Total.</u>	<u>Male.</u>	<u>Female.</u>	<u>Blandford.</u>	<u>England & Wales.</u>	<u>Administrative County.</u>
All Causes.	43	20	23	10.2	11.7	12.6

SECTION A

NATURAL AND SOCIAL CONDITIONS.

Area..... 253 acres.

Population.....3250

(This represents a fall of sixty from 1957)

MATERNAL MORTALITY

There were no maternal deaths.

NATIONAL ASSISTANCE ACT, 1948

No action was taken for the removal of any old persons in need of care and attention during the year.

Comparability factors applied:-

Births..... 103.

Deaths..... 0.77.

SECTION B

PUBLIC HEALTH LABORATORY.

The Public Health Laboratory at Dorchester continues to give the district generous service. The Laboratory undertakes the bacteriological examination of water, milk, ice cream and other foods. It also examines specimens for diagnosis in the case of infectious or suspected infectious diseases.

AMBULANCE SERVICE.

The Ambulance Service of the district is under the jurisdiction of the Dorset County Council, operating day and night from Castleman House. This service also covers the Rural District.

MATERNITY AND CHILD WELFARE SERVICES.

The Dorset County Council provide an ante-natal clinic and an infant welfare clinic once a fortnight. These are held in the British Red Cross Hall.

HOME HELP SERVICE.

The County Home Help Scheme has provided a service in Blandford and surrounding district. It is doing excellent work.

SECTION C.

PREVALANCE OF AND CONTROL OVER INFECTIOUS AND OTHER DISEASES.

Whooping cough.....	3
Measles.....	8
Scarlet fever.....	5
Tuberculosis.....	1
Pneumonia.....	1

FOOD POISONING. No case of food poisoning was notified during the year.

TUBERCULOSIS:-

At the end of the year, the number of cases in the Tuberculosis Register was as follows:-

<u>PULMONARY</u>		<u>NON-PULMONARY</u>	
Males.....	8	Males.....	3
Females.....	8	Females.....	3

SECTION D

STATISTICAL TABLES..... 1958

Causes of Death

	<u>Male.</u>	<u>Female.</u>
1. Tuberculosis.....	-	-
2. Tuberculosis, other.....	-	-
3. Syphilitic disease.....	-	-
4. Diphtheria.....	-	-
5. Whooping cough.....	-	-
6. Meningococcal infections.....	-	-
7. Acute poliomyelitis.....	-	-
8. Measles.....	-	-
9. Other infective and parasitic diseases...	-	-
10. Malignant neoplasm, stomach.....	-	2
11. Malignant neoplasm, lung, bronchus.....	-	-
12. Malignant neoplasm, breast.....	-	-
13. Malignant neoplasm, uterus.....	-	-
14. Other malignant and lymphatic neoplasms..	2	2
15. Leukaemia, aleukaemia.....	-	-
16. Diabetes.....	-	-
17. Vascular lesions of nervous system.....	5	3
18. Coronary disease, angina.....	2	5
19. Hypertension with heart disease.....	-	-
20. Other heart diseases.....	4	5
21. Other circulatory diseases.....	1	2
22. Influenza.....	-	-
23. Pneumonia.....	1	1
24. Bronchitis.....	1	-
25. Other diseases of the respiratory system.	-	1
26. Ulcer of stomach and duodenum.....	-	-
27. Gastritis, enteritis and diarrhoea.....	-	1
28. Nephritis and Nephrosis.....	-	-
29. Hyperplasia of prostate.....	-	-
30. Pregnancy, childbirth, abortion.....	-	-
31. Congenital malformations.....	-	-
32. Other defined and ill-defined diseases...	2	1
33. Motor vehicle accidents.....	-	-
34. All other accidents.....	2	-
35. Suicide.....	-	-
36. Homicide and operations of war.....	-	-
TOTALS.....	20	23

NOTIFIABLE DISEASES - 1958
Notifications in Age Groups.

<u>DISEASE.</u>	<u>Under 1.</u>	<u>1.</u>	<u>2.</u>	<u>3.</u>	<u>4.</u>	<u>5.</u>	<u>10.</u>	<u>20.</u>	<u>35.</u>	<u>45.</u>	<u>65</u>	<u>TOTALS.</u>
											<u>& over.</u>	
Scarlet fever.				2		3						5
Whooping cough.		1				2						3
Measles.....	1	1		2	2	1	1					8
Pneumonia.....											1	1
Tuberculosis...									1			1

REPORT OF THE BOROUGH ENGINEER, SURVEYOR AND
PUBLIC HEALTH INSPECTOR
FOR THE YEAR..... 1958

Water Undertaking

The lowest level in the borehole during the abstraction year from 1st November, 1957 to 31st October, 1958, was 47 feet in November, 1957 and in the shallow wells 9 ft 4" in November, 1957.

One pump at Blandford St. Mary Pumping Station has given trouble during the year and was reconditioned by the waterworks men.

The total amount of water pumped during the Abstraction Year was 122602750.

A total of 40 water samples have been submitted during the year to the Public Health Laboratory at Dorchester and reported upon as follows:-

Satisfactory.....	39
Suspicious.....	1
Unsatisfactory.....	Nil.

Samples of water for Chemical Analysis have also been submitted to Arthur S. Carlos, B. Sc., (Lond.) F.R.I.C. Public Analyst.

Certificate of Analysis
Of a sample of DRINKING WATER.
Black Lane Waterworks. Received..... 30/12/58

I hereby certify that I have examined the above mentioned samples with the following results:- as parts per million.

Ammonia, free.....	0.047
Ammonia, Albuminoid.....	0. 126
Nitrites.....	Nil
Nitrates, as Nitric Nitrogen.....	4. 41
Oxygen absorbed in 15 mins. at 80 deg. F.....	0.22
Oxygen absorbed in 4 hours.....	0.30.
Chlorine.....	29.0
as Sodium Chloride.....	47.7
Hardness, temporary.....	230.0.
Hardness, permanent.....	22.0
Hardness, Total.....	252.0
Total Solids.....	387.0
pH Value.....	7.2

Metals:- Iron, copper, lead, zinc absent.

Appearance:- colourless and clear.

Odour:- none.

Free Chlorine

Free Carbon Dioxide..... 14.0

Remarks.

This is a clear, bright water of good organic purity. It is hard in character, but the majority of the hardness is of a temporary nature. The analysis gives no indication of pollution, and in my opinion the water is very suitable for both drinking and domestic purposes.

30th December, 1958.

Signed. J. Simpson.

Deputy Public Analyst.

Blandford St. Mary Pumping Station - 20th December, 1958.

I hereby certify that I have examined the above mentioned samples with the following results:- as parts per million.

Ammonia, free.....	0.037
Ammonia, Albuminoid.....	0.087
Nitrites.....	Nil
Nitrates, as Nitric Nitrogen.....	5.85
Oxygen absorbed in 15 mins. at 80 deg. F.....	0.21
Oxygen absorbed in 4 hours.....	0.40
Chlorine.....	20.0
as Sodium Chloride.....	32.9
Hardness, temporary.....	252.0
Hardness Permanent.....	24.0
Hardness, Total.....	276.0
Total Solids.....	451.0
pH value.....	7.4

Metals. Iron, copper, lead, Zinc, absent.

Appearance. Pale yellow and clear.

Odour. None.

Free Chlorine.

Free Carbon Dioxide..... 15.0

Remarks.

This water is very slightly coloured though of good organic purity. It is hard in character but the majority of the hardness is of a temporary nature. The above results show no sign of pollution and in my opinion the water is very suitable for drinking and domestic purposes.

30th December, 1958

Signed..... J. Simpson.

Deputy Public Analyst .

Black Lane Waterworks. - 19th December, 1958

I hereby certify that I have examined the above mentioned samples with the following results:- as parts per million.

Ammonia, free.....	0.028
Ammonia Albuminoid.....	0.152
Nitrites.....	Nil
Nitrates, as Nitric Nitrogen.....	1.65
Oxygen absorbed in 15 mins. at 80 deg. F.....	0.21
Oxygen absorbed in 4 hours.....	0.44
Chloride.....	20.0
as Sodium Chloride.....	32.9
Hardness temporary.....	234.0
Hardness permanent.....	22.0
Hardness Total.....	256.0
Total Solids.....	366.0
pH Value.....	7.2

Metals:- Iron, copper, lead, zinc absent.

Appearance:- Colourless and clear.

Cont....

Black Lane Water Works.

Odour.....	None.
Free Chlorine:	
Free Carbon Dioxide.....	20. 0.

Remarks.

This is a clear bright water of good organic purity. It is hard in character but the majority of the hardness is of a temporary nature. The absence of Nitrates and low figure for Nitric Nitrogen is very satisfactory and gives no indication of pollution. In my opinion the water is very suitable for both drinking and domestic purposes.

30th December, 1958.

Signed..... J. Simpson.
Deputy Public Analyst.

Sewerage and Sewer Disposal.

The following is a copy of the Public Analyst's report on a sample of sewage effluent.

I hereby certify that I have examined the above mentioned samples with the following results:- as parts per million.

Ammonia, Free.....	1.58
Ammonia Albuminoid.....	2.58
Nitrites, as nitrogen.....	0.65
Nitrates as Nitric Nitrogen.....	37.70
Oxygen absorbed in 4 hrs. at 80 deg. F.....	35.1
Chlorides, as chlorine.....	62.0
Suspended solids.....	49.0
Dissolved solids.....	621.0
Total Solids.....	670.0
pH value.....	7.35

Incubator Closed Test.

Oxygen absorbed in 3 mins. before incubation.....	10.8
Oxygen absorbed after 5 days incubation.....	8.5
Colour after incubation.....	Unchanged.
Odour after incubation.....	Slightly earthy
Dissolved oxygen absorbed in 5 days.....	16.4
Copper.....	
Impurity Figure.....	30.5
McGowans' Figure...	
Percentage oxidation of the Nitrogen	91.7

Remarks:-

The figure for dissolved oxygen absorbed in 5 days is very satisfactory but that for suspended solids exceeds the limit laid down by the Royal Commission on Sewage Disposal by 19.0 p.p.m.

The figure for percentage oxidation of the nitrogen is very satisfactory.

17th July, 1958.

Signed.. A.S. Carlos.
Public Analyst.

FOOD CONDEMNED during the year.

Tinned peaches..... $4\frac{1}{2}$ lbs.
Tinned peas..... $3\frac{3}{4}$ lbs.
Tinned plums..... $1\frac{1}{4}$ lbs
Tinned stawberries..... 1 lb
Cheese..... 20 lbs.

Meat and fish condemned during the year.

Fresh beef..... 56 lbs.
Kippers..... 3 stone
Tinned corned beef..... $3\frac{3}{4}$ lbs.
Tinned crab..... $7\frac{1}{2}$ oz.
Tinned Ox tongue..... 2 lbs
Tinned sheeps tongue..... 12 ozs.
Tinned stewed steak..... 12 lns
Tinned luncheon meat..... $6\frac{1}{2}$ lbs
Tinned cooked ham..... $7\frac{1}{2}$ lbs
Tinned chicken meat balls.. $6\frac{1}{2}$ lbs
Tinned Pork kidneys..... 12 oz.
Tinned pilchards..... 1 lb

Meat condemned by Meat Inspector, at slaughter house.

<u>Inspected</u>	Cattle.....	1367
	Cows.....	620
	Calves.....	9
	Sheep.....	1914
	Pigs.....	10767

Condemned:-

<u>Offal.</u>	<u>Meat</u>	<u>T.B. Offal</u>	<u>T.B. Meat</u>
20879 lbs.	1440 lbs.	489 lbs.	8848 lbs

Part Carcases condemned for other than T.B.

Cattle.....	17.	Calves.....	Nil.	Pigs.....	5.
Cows.....	6	Sheep.....	1		

Whole Carcases condemned for other than T.B.

Cattle.....	1	Calves.....	Nil	Pigs.....	7
Cows.....	2	Sheep.....	1		

Meat Condemned for Cysticercus Bovis:-

Heads..... 7
Hearts..... 10

Whole Carcases Condemned for T.B.

Cattle.....	2	Calves.....	Nil	Pigs.....	1
Cows.....	4	Sheep.....	Nil		

Part Carcases condemned for T.B.

Cattle.....	6	Cows.....	23	Pigs.....	436
Calves.....	Nil	Sheep.....	Nil		

Ice Cream Premises etc.

A total of eight ice cream samples have been submitted during the year to the Public Health Laboratory for testing for cleanliness. The results are interpreted by the Bacteriologist in Grades I to IV.

<u>Grade I.</u>	Highly satisfactory.	<u>Grade II.</u>	Satisfactory.	<u>Grade III.</u>	-
	Suspicious.	<u>Grade IV.</u>	Unsatisfactory.		

The samples taken fall into the following grades:-

Grade I.....	8.	Grade II.....	Nil
Grade III.....	Nil	Grade IV.....	Nil

